



Gonodactylaceus falcatus

Tiger mantis shrimp

Threat scores

1. Ecological impact
 - An aggressive species, this barnacle has almost completely replaced a native stomatopod (*Pseudosquilla ciliata*) from dead coral heads
2. Invasive potential
 - Free-swimming planktonic larvae most likely responsible for expansion of its population into an increasingly dead coral habitat, especially in Kaʻneʻohe Bay
3. Geographic extent
 - Locally patchy
4. Management Difficulty
 - Eradication unlikely
 - Efforts focus on mitigation and prevention



Geography and Habitat

1. Native: Indo-Pacific
2. Introduced: Hawai'i
3. Habitats
 - Coral reefs, benthic, marine
 - Dead branching coral heads, clumps of coralline algae, or crevices and small holes in solid reef substrate

Invasion Pathways

1. Hull/Surface Fouling

Non-Native Locations

1. 152- Hawaiian Islands

Sources

1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. <http://www2.bishopmuseum.org/dargis/esri/images/Gonodactylaceus%20falcatus.jpg>
4. <http://www.bluezooaquatics.com/productDetail.asp?cid=84&pid=1228&did=2>